

Form PTO 918 (Rev. 06/00)  
Application No. 10/520937

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 4/25/06

- A. ☐ Approved by the Draftsperson under 37 CFR 1.84 and 1.132.  
B. ☒ Objected to by the Draftsperson under 37 CFR 1.84 and 1.132 for the reasons indicated below. Corrected drawings are required.

1. DRAWINGS. 37 CFR 1.84(a). Acceptable categories of drawings: Black ink on color paper is required.

Color drawings are not acceptable until permission is granted. Fig(s)  
Pencil and non black ink not permitted. Fig(s)

2. PHOTOGRAPHS. 37 CFR 1.84(b).

One (1) full frame is required. Fig(s)  
Photographs may not be mounted. 37 CFR 1.84(c)  
Photographs must meet paper size requirements of 37 CFR 1.84(b). Fig(s)  
Poor quality (half-tone). Fig(s)

3. TYPE OF PAPER. 37 CFR 1.84(c).

Paper must be flexible, strong, white, and durable. Fig(s)

☒ Drawing attention, overwritings, interlineations, marks, copy machine marks not accepted. Fig(s)

4. SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes:

21.4 cm by 29.7 cm (DIN size A4) or  
21.6 cm by 27.9 cm (8 1/2 x 11 inches)

All drawing sheets not the same size. Sheet(s)

Drawing sheet not an acceptable size. Fig(s)

5. MARGINS. 37 CFR 1.84(g). Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

Margins not acceptable. Fig(s)  
Top (T) Left (L)  
Right (R) Bottom (B)

6. VIEWS. 37 CFR 1.84(h).

REMARKS: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the least, description of the drawings must likewise be changed.

Views not labeled separately or properly. Fig(s)

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3).

Sectional designation should be noted with Arabic or Roman numerals. Fig(s)

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i).

Views do not appear on a horizontal left-to-right column when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s)

9. SCALE. 37 CFR 1.84(j).

Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds its reproduction. Fig(s)

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(k).

☒ Lines, numbers & letters not uniformly thick and well defined, clear, durable, and black (best quality). Fig(s)

11. SHADING. 37 CFR 1.84(m).

Solid black areas pale. Fig(s)  
Solid black shading not permitted. Fig(s)

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p).

Numbers and reference characters not plain and legible. Fig(s)

Figure legends are poor. Fig(s)

Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s)

English alphabet not used. 37 CFR 1.84(p)(2). Fig(s)

Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s)

13. LEAD LINES. 37 CFR 1.84(q).

Lead lines missing. Fig(s)

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(r).

Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s)

15. NUMBERING OF VIEWS. 37 CFR 1.84(u).

Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s)

16. DESIGN DRAWINGS. 37 CFR 1.132.

Surface shading shown not appropriate. Fig(s)

Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s)

COMMENTS:

Remove circles around numerals and ex transpos matter. Figs 1 + 2

Reviewer

If you have questions call (703) 305-3404

Date

Attachment to Paper No. 2006 0525

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